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Title:
Perfect score.
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Maximum DB seq length. 50
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1: En:*

2: cm_
4: em_
5: em_
6: em_
10: gb
11: q
12: q
13: q
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Prod. No. is the number of results predicted by change to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total spore distribution.

SUMMARIES

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10	11	11	11	.11	11	Score
14.7	26.2	1) Fi	ი ი		(1) (1)	Query Match
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9 AAS37882	AU105553	AUTO 14 CF	T17565	AE 111072	AC074038	DB ID
AASS7982 mi77ms7.r	AU105553 AU105553	AU1944 of AU1944 of	T17565 mps v253 Th	AC111072 LMC188821	AQC74038 EF(2)2026	Description

ALIGNMENTS

	COMMENT	MEDITINE		TITLE	VILLHOBS	BEFERENCE				ORGANISM	SOURCE	KEYWORDS	VERSION	ACCESSION		DEFINITION	LOCUS	RESULT 1 AQ074038/c
Betheley brosophila Genome Project University of California, Rerheley LSA Building, Berkeley: QA 94720-7200, USA Fax: 5196129917 Email: gerry@fraitfly.berkeley.edu segrerer parayery merbat sas inverse ECR.	Contact: Gerald Rubin	20202638	Drosophila melanogaster	Insertion site professioners of the P fightspatch clement in	itao,o -o , Pohm.F I and Rubin G.M.	1 (bases 1 to 30)	Ephydroidea; Drosophilidae; Drosophila.	Newptera, Endopterygota, Diptora, Prachycera, Muscomorpha,	Bukki, uta, Metaroa, Arthropoda, Hexapoda, Ischnia, Pinnyqota,	Drusophila melanogaster	fruit fly.	CSS.	A0074018 1 01-3403288	AQ074038	melanogaster genomic Sequence recovered from $3^{\prime\prime}$ and of P element, DNA sequence.	6-3prime Drosophila melanogaster EF	A0074038 30 bp DNA linear GSS 22-AUG-2000	

sequence orientation is forward strand relative to 5/ end of P

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RESULT 2
AZ414w72
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                                                                                                                                                                                           A. 1 (18 a. 1)
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84112, USA
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1M0188B24F Medse 1988 plasmid Homejm Library Mus masculas pencel:
cione HUGCIM0188B24 F, DNA sequence.
AZ414072
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Dunn, D., Aoyadi, A., Barber, M., Beacorn, I., Bural, E., Hamil, C., Islam, H., Tondacre, S., Mahmoud, M., Meenen, E., Pedersen, T., Roilly, M., Rose, M., Rose, R., Stokes, R., Tingey, A., von Niederhausern, A., and Wright, D., Weiss, R.
                                                                                                                                                                                                                                                                                                                                                                                                                                                Email: ddunn 'qenetics.utah.edu
Insert Lenath: 10000 - Std Error: 0.00
Plate: 0188 row: B column: 24
                                                                                                                                                                                                                                                                                              High quality sequence stop: 44.
                                                                                                                                                                                                                                                                                                                                                       Class: plasmid ends
                                                                                                                                                                                                                                                                                                                                                                                            Seq primer: CGTTGTAAAACGACGGCAGI
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Fax: 801 585 7177
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Tel: 801 585 5606
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University of Utah
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Advance "lib" "Drosophila melanogaster EP line"
Andre "lib" "Drosophila melanogaster EP line"
Andre "lib" "Drosophila melanogaster EP line"
Andre "lib" "Drosophila melanogaster EP lines a single EP transposable element insertion. (The weneration of these insertion strains is described in North P. Szabo K. Bailey A. Larerty T. E.hm. J. Fizhin GM. Welgmans E. Milan M. Benes V. Ansurae W. Chlon SM. 1998. Systematic gained transition genetics in brosophila. Development 6:1049-1057.) The resultant fragment to each strain was directly sequenced
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           to determine the genomic sequence at the site of insertion, betails of the protocols used can be found at http://lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.pr.//lin.bit.p
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Matches 11; Sonscivative
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Large-scale analysis of denotespecial profein localization and grow discipling in Sarcharoupers cornerisian
Genes Dev. 8, 1087-1105 (1994)
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                                                                                                                                                                                                                         Lac2 fusion, Vegetativé expression, Beta dal fusion localization pattern: 50 cytoplasmic spots: Pusion: coden le of TYB deno. Sequence below near or adjacent to lac2. Sequence: Lac2 sequences in transposon.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                         Yale University
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Department of Biology
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Contact: Shyden M
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                       /Ordanism "Sarcharampres correctsiae",
/Ob.arch " no...4912",
/Obline_lib "The blue duys library"
/lab_host "E.coli"
/host "Veltar Pablanta Agend acomic 188 library
prepared in the sector pHSS6, and subjected to transposon
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Best Local Similarity 100.0%; Fred. No. 2.5e+04;
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12 CGTTGAGCATC 22
                                                                                        8 CGTTGAGCATC 18
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Department of Virology
Institute of Medical Science, University of Tokyo
4-6-1, Shirokanedai, Minatoko, Tokyo 108-8639, Japan
4-6-1, Shirokanedai, Minatoko, Tokyo 108-8639, Japan
Email: ysuzukidims: u-tokyo-ac.jp
Suzuki, Y., Yeshitouc-Kakagawa, K., Mariyuma, K., Suyama, A. and Sugano
yS. Chestrootion and characterization of a full length-enriched and
a 5'-end-enriched (1907)

A Court of the C
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TMMC Pop. 2 (5), 388 292 (2001)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Eukaryota, Metazca; Chordata, Craniata, Vertebrata; Euteleostomi;
Mammalia; Eutheria, Primates, Catarrhini, Hominidae, Homo.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Contact: Yutaka Suzuki
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                                                                                                                                                                                     Conservative
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a 16 c 12 g 15 t
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Di., po. I., portional indication recorded by figo incre-scale mapping of manA start sites
EHBO Rep. 2 (5), 388-393 (2001)
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Sub.K.,Y., Y.shitome Yakayawa, K., Harnyama, K., Sayama, A. and Sugano
.S. Construction and characterization of a full length-enriched and
u.S. cod enriched with likegory come 20% (1.3), 140-186 (1997).
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E.L.I. Ha. Matara, Chirdaia, Craniaia: Vortebrata: Futeleostomi;
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4 6 1, Shirokanedai, Mimatoku, Tokyo 108-8639, Japan
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Email: trop Sander accuk
sander Kenopus tropicalis ESI project 2001
TROPICALIS SEQUENCE_ID: IGASO8In22.plkSP6
Sequencing primer: PIKSP6
This sequence is from a Xenopus deme Collection (XCC) library
constructed by Aaron M. Zorn.
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This clone is available regalty free through GLML, contact the
IMAGE Consortium (into image.llnl.gov) for further information.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            Sandor Memorus tropicalis EST project 2002
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Drosophila melanogaster
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40 bp DNA Fined: Two Islands RP(s)3496-3prime brosophila metanodaster EP line brosophila metanodaster denomic Sequence recovered from 3 end of P element
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Tol: 81-75-753 4081
                  truit tly.
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                                                                                             DNA sequence.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Kyoto University
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/elone_lib "Noal Satch angeblished etaM library, edd"
/tissue_type="whole animal"
/dev_stage "egd"
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4 c ll q lu ;
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100.0%; Pred. No. 8.9e+04;
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University of California, Berkeley
LSA Building, Berkeley, CA 94720-3200, USA
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Neopheta: Eudophetygota: Diptora Prachycora: Muscomorpha:
Ephydroidea: Erusuphilidae: Drosophila
1 (bases 1 to 40)
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Sequence receiver, method was incorse FOR
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BH639055
RH639055 | GI-IMBD3MLZ
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Spermatophyta; Magnoliophyta, biliopsida, Foales; Foaccae; PACC
clade; Panicoldgaer Andropogoneae; Zea.
                                                                                                                                                                                                                                                                                                                                                                                                                                              685 14-FEB 100802/AIT.1EI_71 1008 - RESCUEMU STID T Fra mays open mic. JA
                      Department of Riological Sciences
Stanford University
                                                                                                 Maize genemic sequences found using engineered RescueMu transposon Unpublished (2001)
                                                                                                                                                                                                                                                                                          70a mays
                                                                              Contact: Walbot V
                                                                                                                                                                                                                                                                                                                   Zea mays.
855 California Ave, Paio Alto, CA 94304, USA
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/note="Inverse PCE was performed on Brosophila
melanogaster strains each of which contains a single EP
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    genetics in Drosophila. Development 6.1849-1857.) The resultant fragment for each strain was directly sequenced
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/db_xref-"taxon:7227"
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100.0%; Pred. No Ne+04;
Live 0; Mismatches 0; Indels
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Very probable ligation site of ends out by single endonucloase.
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                                                 to give a tight size distribution (4 kb). The v + i method used for the library construction is described in detail in Smith, H. and Venter, J.C. (Making small insert libraries for whole genome shotgun sequencing projects. Genome Sequencing: A Fractical Approach, eds. M. Vaudin and B. Barrell, Oxford University Press, 1944)
                                                                                                                                                                                                                                                                                                                          Submitted (10-DEC-2000) Trypanosoma brucel genome Sequencing project, Sanger Centre, The Wellcome Trust Genome Campus, Hinxton. Cambridge CBJU (SA, E-mail: barrell-sanger.ac.uk and
                                                                                                                                                                                                                                                                                                                                                                                                                                     Hall, N., Bowman, S., Lennard, N.J., Doggett, J., Atkin, R., Chillingworth, C., Ormand, D., Harris, B., El-Sayed, N., Hou, L., Mattillo, S.F., Pajandroum, M.A. and Barrell, B.G.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      T. brucei sheared genomic DNA clone 115c11, forward sequence, genomic survey sequence.
                                                                                                                                                                                                               Constructed at the Institute for Genomic Research (ITGR), gockyille, MD. Genomic DNA isolated from a cloned population of Tryphossema bruze: (Tephno.7.4 2019) in 1) was exchanically sheared
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Trypanosoma brucei
Email: nelsayed@tigr.orq
Details of T. brucel sequencing at the Sanger Centre are available
                                                                                                                                                                                                                                                                                                         nhlesanger.ac.uk
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Eukaryota, Euglebopoa; Kinetoplastida. Trypanosomatidae;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      (bases 1 to 40)
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site www.zmdb.iastate.edu and follow the links for
'RescueMu,' Gild I was grown at Rerkeley in 2001. DNA was
extracted from leaf punches, double digested using BamHI
and BglII, and ligated to form circular plasmids. DH10B
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 cells were transformed and then screened on LB plates with ampicillin."

a 5 c 14 q 9 t.
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/tissue_type="leaf"
/dev_stage="adult"
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[colling: "mixed background W23/Alam/B73"
[db_xref="taxon:4577"
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Tissue Procurement: Leftrey E. Green, M.D.
cDNA Library Preparation Life Technologies, Lic.
cDNA Library Arrayed by: The I M.A.G.E. Consortium (LLNL)
DNA Sequencing by: Incyre Genemics, Inc.
Clone distribution: MGC clone distribution information can be
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Contact: Robert Straushers, Ph.B.
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                                                                        Alonso,J.M., Leisse,T.J., Barajas,P., Chen,H., Chenk.K., Gadrinab.,C., Jeske,A., Karnes,M., Kim,C.J., Pirker,H., Frednis,L., Shinn, Zimmerman,J. and Ecker,J.R.
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Mammalia: Butheria: Primates; Catarrhini; Hominidae; Homo.
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This clone is available royalty free through LLML; contact the
LMAGE Consortium (into image.llnl.gov) for further information.
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National Cancer Institute, Cancer Genome Anatomy Project (CMAP).
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                                                                                                                                                                                                                                                                                                                      Contact: Joseph R. Ecker
Salk Institute Genomic Analysis Laboratory (SIGNAL)
The Salk Institute for Biological Studies
10010 N. Torrey Pines Poad, ia Tolla, CA 92027, USA
Tol: 858 453 4100 x1752
Fax: 858 558 6379
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          1 (bases 1 to 45)
Alonso.J.M. Leisse.T.J. Barajas.P. Chen,H., Chouk,P., Gadrinab
,C., Jeske,A., Karnes,M., Kim,C.J., Parker,H., Prednis,L., Shinn,P.,
,Zinmerman,J. and Ecker,J.R.
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Spermatophyta, Magnoliophyta, eudicotylodous, coroleudicots,
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Salk Institute Genomic Analysis Laboratory (SIGNAL)
The Salk Institute for Biological Studies
10010 N. Torrey Fines Soad, La Tella, CA 98037, TSA
Tel 989 473 4100 41762
                                                                                                                                                                                                                 Class: TDNA tagged.
                                                                                                                                                                                                                                       This is single pass sequence recovered from the left border of TDNA. This sequence lies within an annotated exon of At4q28650
                                                                                                                                                                                                                                                                                                Email: ecker@salk.edu
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/db_xref="taxon:3762"
/clone="SAFK_095005"
/clone_lib="Arabidopsis thaliana IDNA insertion lines"
/note="PCR was performed on Arabidopsis thaliana lines
                                                                                                     /organism-"Arabidopsis thaliana"
/strain="Columbia_0"
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/clone="5AbK_076302.53.45.x"
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                         cach of which contains one or more TDWA inscrition colonents. The resultant fragment for each line was directly served to determine the genomic sequence at the site of inscrition. Estails of the protocols used can to found at http://ligitallouik.edu/thalprotocols.html" a 10 c 10 g 15 t
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Query Match 23.9 Best Local Similarity 100 Matches 10; Conservative 23.8%; Score 10; DB 17; 100.0%; Fred. No. 9.3e+04; ative 0; Mismatches 0; Length 45; Indela 0 Gaps

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8 CGTTGAGCAT 17

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31 CGTTGAGCAT 40

Search completed: April 18, 2002, 04:27:01

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Pred. No. is the number of results predicted by chance to have a

score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution.

SUMMARIES

ALIGNMENTS

REFERENCE AUTHORS TITLE	RESULT 1 AX448933/c LOCUS DEFINITION ACCESSION VERSION KEYWORDS SOURCE ORGANISM
Battaglino, F., Feder, J.N., Mintier, G., Ramanathan, C.S., Battaglino, F., Feder, J.N., Mintier, G., Ramanathan, C.S., Westphal, K., Bawken, D.R., Cacace, A., Barber, L. and Kerner/Fer, M.G. A novel human g-protein coupled receptor, hapilmy 7, expressed highly in spinal corl	Ax448933 Sequence 33 from Patent W00226823. Ax448933 Ax448931 Ax448931 GI:21697801 Synthetic construct. Synthetic construct artificial sequences.

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Bristol Myers Squibb Company (US)
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/Hh_xrot "tax-n-32000"
/note-"GAPDH-PVIC Tagman(R) Probe"
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Frey, B.D. and Kuebler, B.
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Price, D.K. and Teigland, C.M.

Method for detecting prostate cells

Patent: US 5858673-A 9 12 JAN-1999;
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Sequence 3 from patent US 5957979
ARC/75383
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1 (bases 1 to 26)
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Ruebler H. and Frey B.D.
Method for the specific amplification and detection of dna and
Patent. EP 0745687-A 21 04-DEC-1996;
BORHKINGER MARKHEIM SMHH (DE)
Location/Qualifiers
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Sequence 21 from Patent EP0745687
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                                                                                                                                                                                            Sequence 158 from Patent W00136478. 
Ax166503
           Methods and compositions relating to bactericidal/permeability increasing factor like polypoptides and polypoptides and polypoptides are patent; wo 0136478 A 158-25-MAY 2001;
                                                                                                                                                                            AX166503.1 GI:14546851
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                                                                           Bailinger, D.G., Mulero, J.J., Qian, X., Mize, N.K., Haley, D.A. and
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HYSEQ, INC. (US)
                                                               Hoyle, B.J
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/note="G3PDH 5'primer"
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AXI74821
AXI74821.1 GI.14598317
                                                                                                            Cytochroma Inc. (CA)
Location/Galitices
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Mammalia: Butheria: Primates: Catarrhini: Hominidae: Homo.
| (bases | to 26)
                                                                                                                                                                                                                                        Homo sapiens
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Ax175502
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Reed.J.C. and Godzik.A.
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                                                                                                                                                                                                                                                           human.
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                                                            /Organism "Homo sapiens"
/B_vrt "tawn.3606"
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White, J.A., Petkorich, F.M., Jones, G., and Ramshaw, H.
Cytochrome p450rai-2 and related proteins
Fatent: Wo 014444; A. et 21-JUN-2001;
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                                             Serine-threonine kinase-3
Patent: WO 0185954-A 5 15-NOV-2001;
MERCK PATENT GmbH (DE)
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Sequence 5 from Patent W00185954.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               This sequence represents an obliquous bottlide of the invention. The invention relates to obliquous leotides comparishes these sequences (3), 32 and 30 in this order from the 3'-end) and a molecular energy transfer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       New Oliquanacteofide containing energy donor and two energy acceptors, and able to form a hairpin, used to detect target nucleic acids .
(SYNC ) BNIV MCGILL
                              SECTION 1994;
                                                            22 JUN 1994;
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ASP/Ota-desArg: treatment: desity: diabetes mellitus; PCP primer;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             9808-0089119.
                               6 [R7100-HD86
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          99W0-0512799
                                                            9408-9264022
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    100.0%;
                                                                                                                                                                                                                                                                                                                                                     품
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         5
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Score 42: DB 21:
Pred. No. 1.3e-14
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Length 42;
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ABK51555,
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Matches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             agonists or antadomists, useful as stimulators or inhibitors of IS. This inhibition of stimulation of IS may be used to treat desily, diabetes mellitus or related disorders by witthe of its stimulatory or inhibitory effect on cell always transport and increased latty.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Use of adylation stimulating protein/CNa desArd—for stimulating tri-glyceride synthesis in mammalian cells and for identifying agonists or antagonists for use in e.g. obesity or diabetes
          WPI: 2002 435196/46
                                                                                                 03-AUG-2001; 20010S-310436P
                                                                                                               27-8EP-2000; 2000US-235713P
16-JAN 2001; 2001US-261781P
19-30L-2001; 2001US-306605P
                                                                                                                                                                                                                                    W: 1288126814-A1
                                                                                                                                                                                                                                                                                                          modified_base
                                                                                                                                                                                                                                                                                                                                                     Homo sapieus
                                                                                                                                                                                                                                                                                                                                                                                             ovary; thymous: lund; immune system; cancer: indune disorder;
neurological disorder; infection; haman indunoabliciency virus; HIV;
                                                                                                                                                                                                                                                                                                                                                                                                                          Human; 6 protein coupled receptor; GPCR; BGPRBMY5; colon; brain;
                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human GAPDH DNA probe GAPDH PVIC.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              ABK51955 standard; DNA; 28 BF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 27 KF; 6 A; 3 C; 12 G; 6 I; 6 other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                acid removal rate from plasma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   mammalian cells with pure acylation stimulating protein
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    The present sequence was used in the development of a nevel method for stimulating triglyceride synthesis (TS), comprising contacting
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Example 1: Columns 11 12: 24pp: English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    71/688621-R661 (1dM
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Clautlone K. Sniderman
                                                                   (BRIM ) ERISTOI-MYPES SOUTHE CO.
                                                                                                                                                                         26-SEP-2001; 2001Wo US+0+65
                                                                                                                                                                                                       94 · APR - 2002 .
                                                                                                                                                                                                                                                                                                                                                                               GAPDH; D-qlyceraldebyde-3-phosphate debydrodenase: probe;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   27-AUG-Zuoz (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         The method can be used to stimulate 18 and identity ASP/CHA desAru
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       (Ast)/Csu desArg.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   19 GCTGAAGGTFGGAGFCAAFTGATT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     12
-
                                         Mintier 6,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservative
                                                                                                                                                                                                                                                                                                           \alpha
                                                                                                                                                                                                                                                                                                                       Location/Qualitiers
                                                                                                                                                                                                                                                                /note- "oTHER - Labelled with IAMRA"
                                                                                                                                                                                                                                                                              /mod_base-
                                                                                                                                                                                                                                                                                             /*1 dq
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            100.0%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            57.1%;
                                           Ramanathan CS,
                                                                                                                                                                                                                                                                                             ;:
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                                                                                                                                                                                                                                                                               THEK
THEK
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             0): Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Scote 24: 108 15:
Fred. No. 0.0302
                                           Hawken Lt.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1970/01/01
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 27;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        tor stimmating
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                11124 3
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            disorders, and diseases related to the blain, ovaries, thymus or lungs. The polynucleotide sequence is useful for diagnosing or determining susceptibility to infections such as backerial, fungal, protozoon and wiral infections, particularly infections caused by luman immunodeficiency wirds (HIV or HIV 2). The present sequence represents a probe used for DNA encoding human GAPDH (D-glyperaldebyde-3-phosphate 4-bydropease) in the examples of the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        The present invention solutes to the isolation of a novel human G-protein coupled receptor (GPCK) (HGFKBMY5), and the polymore-tide sequence encoding it. The HGPRRMY5 polypept do and polymore-tide
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Novel 0 protein-coupled receptor, HGPREMES polyphylide, useful for treatment of AIDS, allergies, asthma, atherosclerosis, ulcerative colitis, atopic dermatitis, diabetes mellitus, glamerulonephritis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         are useful for preventing, treating of ameliotating a disease disorder or condition related to the colon, brain, coarses, the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    spinal chord-related disorder) breast cancer, neoplastic discaso; brain disorder; leukacmia; myoloma; immunological disorder; prohe; choleoyetilis, discrete discuse, networthilts, stimu, peurological disorder; dementia, depression, Alzheimet's discuse, peurological disorder; dementia, depression, Alzheimet's discuse, peurological disorder; dementia depression, alchem level; MFAT; puclear factor activator of transcription element.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 4. Page 78: 14%pp. English
                                                                                                                                                                                                                                            27-SEP-2000; 2000US-235731P.
14-FEB-2001; 2001US-268580P.
28 AUG-2001; 2001US-315423P.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Bunan; PCR; ss; G protein coupled receptor, HGPRBMY7; spinal chord;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Human glyceraldehyde phosphate dehydrogenáse FCF probo-
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           13-AUG-2002 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         ABK84820 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Sequence 28 RP: 6 A: 11 C; 3 G: 8 T: 8 other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               present invention.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          lungs or immune system. They are particularly useful for the treatment or prevention of cancers, immune disorders, neurological
Novel human G protéin coupled receptor BMY7 (HGERBMY7) polypophide, useful for modulators of HGPRBMY7 activity that are useful for treating
                                                                                                                       Battaglino P, Feder
Hawken DP, Carace A.
                                                                                                                                                                                             (BRIM ) BRISTOL-MYERS SQUIBB CO
                                                                                                                                                                                                                                                                                                                                            26-SEP-2001; 2001WO-US30351
                                                                                                                                                                                                                                                                                                                                                                                             04-APR-2002
                                                                        WPI: 2002-435195/46
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Local
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Conservative
                                                                                                                          Feder JN, Miniter 3, Ramanathan CS, Pages A. Rarber I. Kornacker MG:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     57.18,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                (c) Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Score 24, DB 24, 1
Pred. No. 0.00026;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Tengsh 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     10:1-17
                                                                                                                                                      Westphai
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Matches Query Match Best Local S

Local Similarity

Conservative

100.0%;

Score 24; DB 24; Pred. No. 0.00026; Migmatchos

Length 28, Indels

9

Caps

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expression verture, host cells, anti-midikiny) antibodies and medulator of Hispermy7 prepermy7 and its polynucleotide are useful for diagnosis prevention, treating or amedicating a medical condition by a disease disorder, or a condition related to brain, breast, gastrointestinal or muscule skeletal systems, such that thalamuse corpus callosum. Caudate nucleus, amygdala, substantia nigra, caudate nucleus, amygdala, substantia nigra,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to an isolated polypeptide (1) complising amino acid sequence that is at least 95% identical to a polypeptide floatent a fully defined human G protein-coupled receptor BMY7 (HGRBMY7) polypeptide, or variant, aliclic variant or species homologue. Also included are polypeptides, and polypeptides, and polypeptides are polypeptides.
                                                                               osteoarthilis, asthma, heurological disorders such as dementia, depression, Alabelmen's discuse, Down's syndrome and opilopsy. Highpaper, its polymedestide and agonists or antagonists of the polymediate are useful for modulating intracellular calcium levels, modulating pathways and modulating nuclear factor activator of transcription (NFAT) element associated signalling pathways. The present sequence is a PMP probe used in an experiment to
                                                                                                                                                                                                                                                                                hippocampus, brain, breast, colon, spinal chord-related disorders, breast cancer, medicastic diseases, and disorders related to spinal chord and brain. An antaronist or inhibitor of (1) identified using (1) is useful to treating a medicastic disorder such as lenkaemia, myeloma, immunity of disorders such as hencomes, myeloma, immunity of disorders such as chicages.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 4; Page 77; 170pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               depression
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       leukaemia, pholonystitis. Grave's disease, epilopsy, dementia,
Sequence 28 BP; 6 A; 11 C; 3 G; 8 T; 0 other;
                                                       quantitate EGPRBMY7 mRNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  a disease,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           fragment of
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                                                                                                                                                                                                                                                                                                                                                         XEXEX
                                                                                                                                                                                                                                                                                                                                                                                                                                                                            ABK70642 standard; DNA; 28 BP
                                                                                                                                                                                                                                                     WO200226987-A2
                                                                                                                                                                                                                                                                                                                    testis; cancer; PCR; primer; ss
                                                                                                                                                                                                                                                                                                                                      Human; G-protein coupled receptor; нGРквмY6; small intestine;
                                                                                                                                                                                                                                                                                                                                                                       GAPUH probe.
                                                                                                                                                                                                                                                                                                                                                                                                           12-111-5005 (£{ks; outpu)
                                                                                                                                                                                                                                                                                                                                                                                                                                            AHK70642;
WPT: 2002-403273741
                                                                                 (PPIM ) PRISTOL-MYERS SQUIBB CO.
                                                                                                                 28-AUG-2001; 2001US-315412P.
                                                                                                                                                                                      26-SEP-2001; 2001WO-US30614.
                                                                                                                                                                                                                     04-APR-2002
                                                                                                                                                                                                                                                                                       Homo sapiens.
                                Kornacker MG;
                                                                                                                                                    27-SEP-2000;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 26 GCTGAAGGTCGGAGTCAACGGATT 3
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  19 GGTGAAGGTCGGAGTCAACGGATT 42
                                                                                                                                     1000
                                                  Mintier C,
                                                                                                                                                  200005-2356035
                                                                                                                                     200703-3066042
                                                    Ramamathan CS,
                                                      Hawken Dk, Cacace A,
                                                       Barber L;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             AAL-24153
                                                                                                                              The invention relates to human scrine-threonine kinase, hIAM.

The inAM gene is located on human chromosome 5. The ELAM polypeptide and polymorlectide are useful in the treatment of diseases involving cell cycle control and/or apoptosis, such as cancer and bearonal disorders (cor. Alphelmer's disease), as varyings for indicing as immunicated and control and/or apoptosis.
                response in a mammal and to identify agonists of antagonists. The polypoptide is useful as immunogen, to identify membrane bound or soluble receptors, in low capacity screening methods and in high-throughput screening (HTS) turnats. The polypucleotide is useful as probes or primers, as diagnostic reagen's through detecting mutations the associated gene, for chromosome localisation studies, and for tiss
                                                                                                                                                                                                                                                             Example: Page 12; 12pp: English
                                                                                                                                                                                                                                                                                                     esponse
                                                                                                                                                                                                                                                                                                                                          Noted former sering-threening Physic polypoptide for identifying agenist of antagonists, for treating cancer and neuronal disorders e.g.,
                                                                                                                                                                                                                                                                                                                                                                                                       WFT: 2002-171646/22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              W-200202780-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   The invention relates to an isolated polynucleotide encoding a human G-protein compled receptor, HGPRBWY6. The polypectide and polynucleotide are used to treat, and diagnose a disease, disorder or condition associated with the small intestine, calan, or testis, particularly cancer. ABK70640-ABK70648 represent human G-protein coupled receptor coding sequences and PCR primers of the invention.
expression studies. The fusion protein consisting of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  (MERE ) MERCK PATENT CMBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               25:JUN:2001; 2001Wo-EP07216
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Homo sapiens.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Human; serine threonine kinase; hTAM; chromosome 5; cell cycle control;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Human G3PbH 5' specific primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           2007 - AVW 70
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          AAD24193 standard; DNA; 25 RP.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             Sequence 28 BP; 6 A; 11 C; 3 G; 8 F; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Example 4: Page 75; 174pp; English
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Novel isolated polyneclectide encoding a buman {\tt C} pretein complet receptor, both useful for treating condition of the small intestine rolon, or testis -
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    geptosis; cancer; neuronal disorder. Althouser's disease;
humomomen; G3PbH; PCK primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               19 GGTGAAGGFGGGAGTCAACGGAFT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         JUL: 2000: 2000EP 0114402
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Conservative
                                                                                                                                                                                                                                                                                                                          disease, and as vaccines
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (tirst entry)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          57.1%;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     0; Mismatches
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Score 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Pred. No. 0.00026:
                                                                                                                                                                                                                                                                                                                      ter inducing immunological
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            DB 24;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Length 28
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  immunoqlobulin
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     S
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Matches

Conservative

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Mismatches

100.0%;

52.4%; Swore 22; DB 17; 100.0%; Pred. No. 0.0037;

Length 267

Indels

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Schie

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Bost Local Similarity

Query Match

Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;

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AAT 38350
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Query Match
cop. in biological fluids. The engage mixt. (claimed) can also be used to label DNA frauments with modified nucleotides. Frauments smaller than 7 bt can be applified in that to a first than 2 to 3 min. The biology of the ball.
                                                                                                                                         (e.g. Pyroceens weeni [Exo] polymerase) with prostreading activity, and a thermophilic DNA polymerase (e.g. thermus aquations [Laq] polymerase) without prostreading activity. After a denaturing step in the
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Pornegion and the RTAM protein is useful for high throughput screening assays to identity antagonists for hIAM. The present sequence is buman GRPDH 5' specific primer used in an exemptification of the
                                                         case of double stranded DRA fradments, chain extension is effected at least 76deq.6 for 30 240 sec.. A reverse transcriptuse, especially that of AMV may be added and reverse transcription effected at 45 60 deq.6. The method is useful for specific detection of hockets acid septembers.
                                                                                                                                                                                                       invention. The method comprises amplification of short single or double stranded nucleic acid fragments in the presence of a primer pair, a boffer (pd 7-9.5) and a combination of a thermophilic DNA polymerase
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         primer; PCR; polymerase chain reaction; Tag: thermus aquations; Pwg. Eyteronous worsil, proof reading action;, one par mightness specific detection; label: amplity; ss.
                                                                                                                                                                                                                                                                    gene from human genomic DNA using the amplification method of the
                                                                                                                                                                                                                                                                                       AAT38350-51 are primers used to amplify a 983 bp tragment of the G3PDH
                                                                                                                                                                                                                                                                                                                                  Example 6: Page 5: 29pp; German
                                                                                                                                                                                                                                                                                                                                                                      polymenase enzymes with and without proof-reading activity
                                                                                                                                                                                                                                                                                                                                                                                         Amplitication of short nucleic acid framewis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (BUEF ) BUEHRINGER MANNHEIM SMBH
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          08 APR-1995:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                03 APR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      09-007-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              EP746609-A2
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 17 · JUN 1997
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          USERVIVA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AAI38350 standard; DNA;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      21 TGAAGGTCGGAGTCAACGGAFT 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 1 FGAAGGTCGGAGTCAAFT3GALL 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   scal Similarity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Kiebler H;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            25 BP; & A; 3 C; lo S; 5 L; 9 other:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               (tirst entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              Subservative
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      95EP-0105346
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                3185010-0H96
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 52.1%) Sec.iv 22; DB 24;
100.0%, Pre-d. No. 6.9647;
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                                                                                                                                                                                                                                                                                                                                                                                         using mixt. of DNA
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8
Вþ
                                                                                     Best
                                                                  Matches
                                                                                                  Query Match
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               31, gerildehydes the stare detectionse; interleckins: 8: sense primer; antisense primer; polymorase chain reaction; PCR; cagB; CagC; antigen; infection; peptic ulcer; gustric carcinoma; antisense eligenesiscitic tredument; presention; diagnosis;
                                                                                                                                                                               the cultured cells and used to synthesize CDNA. Which was used in a PCM Frentian with primers for human IL-8 (see AAT39242 and AAT29243) and primers for human glyceraldehyde-3-phosphate-dehydrogenase as control primers, i.e. this sense primer and the antisense primer AAT29241. Detection of the CagB or CagC proteins using antibodies, or detection of the DNA using specific probes or primers, can be used to diagnose H. Pylori infection and to indicate predisposition to peptic ulcors or particle agreement antisense of infonuoleotides to regulatory regions of the DNA can be used in thorapy. Mutant U. pylori deficient in agreement action and to because they do not stimulate synthesis of IL-8 in collection and collections.
                                                                                                                                                                                                                                                                                                                                                                      In the speciment to show that the H cylori Cash/C opens (see AXI14373) is required for interlenkineR (ILAR) induction in gastric cells, confinent monolayer cultures of the buman gastric carcinoma cell line AdS (ACC SEL 1773) water insubated with line H. pylori at a bacterium cell ratio of 10001. Total PNA was extracted from
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Glyccraldehyde-3-phosphate-dehydrogenase sense primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAT29240:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              AAT29240 standard; DNA; 26
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              DNA encoding Holicobactor pylori (348 and CaqC actigenion by Lyperiabots). Leaful for diagnosina Hoppioni intention and to indicate prediagosition to poption alcoration on quantific cancer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              02-MAY-1996
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  attenuation; vaccine; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           16-JUL-1996
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      WPI; 1995-230523/28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        (TYVA-) THIS VANDERRILT
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             29-00T-1995:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 3; Page 44; 74pp; English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Blaser MJ, Sharma SA, Tummuru MKR;
                                                                                                                                     Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                      epithelial cells.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 21 TGAAGGTCGGAGTCAACGGATT 42
                                                                                   Local
l Similarity
22; Conserv
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                                                                      Conservation
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 9348 JSH-UMSB
                                                                52.4°,
100.0%; Pr
                                                                    Score 22: DB 17: Longth 26:
i: Pred. No. 0.0037:
ii: Kismutches 0: Indels
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RESULI 9

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AAT70484
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                                                                                                     AAV46348
                                                                                                                                                                                          F
                                                                                                                                                                                                                                                                          Onery Match 52.4%, 50 Best Local Similarity 100.0%; F Matches 22; Conservative 6,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   primer, PCR, polymerase chain reaction, only no mixture; polymerase; productived in action; Tuj Pwo Thormus agrations; Pyrococcus woesii; thermostable; AMV; reverse transcriptase; MoMuLV; amplification; Avian mycheblastosis girus; mederny murice leukaomia virus; ss.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Dystrophin forward primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  AAT70484 Standard; DNA, 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               28-AUG-1997 (first entry)
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         AAT70484;
                                                                                                                                                                                                                                                                                                                                                                                                  minutes, the nection is these trajects in samples up to a kb long, sp. for detection of these trajects in samples of biological fluid. The enzyme mixt, can also be used to label bink trajects with modified nucleotides. The process provides increased yields and specificity in amplification of short nucleic acid fragments. The enzyme mixture can be used with reverse transcriptase in an RT-DE, reaction. AAT70482-85 are primers used in an assay to show the reaction conditions for use of the AMV-RT and the Pwo/Tag enzyme mixture. A 1851 bp fragment of the Dystrophin FNA was amplified using AAT70484-85.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Specific amplification of short nucleic acid fragments - using two thermophilic polymerase(s) one with, the other without, proof reducts activity to improve field and specificity
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       EF/45087-A1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      A novel method for the specific amplification of short, single- or double-stranded nucleic acid fragments can be carried out in presence of at least one primer pair, pd 7-9.5 buffer, all dNTP required for SNA charm extension and an entymer text of the thoroughtill p 1-900 persons for
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             (BULL ) BUEHRINGER MANNHEIM GMBH.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        08-APR-1995;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    09-APK-1996;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 activity. After optimal separation of double stranded molecules, the extension reaction is carried out at at least 70deg C for 5 seconds to 8
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        with produceding activity (e.g. two relymerase from Thermus aquaticus) without such and the other (e.g. Tag polymerase from Thermus aquaticus) without such
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 7; Page 5; 31pp; German.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WP1; 1597 013705/02
                                                                                                                                                                                                                                                                                                                                                             sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
11-NOV-1998 (first entry)
                                         AAV46348;
                                                                                  AAV46348 standard; DNA; 26 BP
                                                                                                                                                                                                                                   21 TGAACGTCGGAGICAACGGATT 42
                                                                                                                                                                                          1 TGAAGGTUGGAGTCAACGCATT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Kuebler H;
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                                                                                                                                                                                                                                                                                    pred. No. 0.0037;
5, Mismutches (
                                                                                                                                                                                                                                                                                                                               DB 18,
                                                                                                                                                                                                                                                                                                                             Length 26
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PCR primer for serine threonine kinase

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KESHLI II
AAV41538
ID AAV41
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19661 Jakit 90
                                                                                                                                                                 Espare like a pr. 110. Emain lipagrati in lipase, bepatin lip
bepatin, phoshatidylcholine ester; laundry detergent; serum
atheraselerosia, diabetes, hyperlipidenda, intrahepatic chol
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          This sequence is a PM primer of SMA consider the scribe threshing Kineses of the invention. The two scribe threshing kinese variants (VKK1 and VKK2; shown in AAMY 4771 and AAM44772 respectively) are highly expressed in actively growing cells (such as footal organs), and have significant homology with the BIR kinese of vaccinia virus. The kinese significant homology with the BIR kinese of vaccinia virus.
                               105 DEC 1997;
                                                                                          M SBLIBBH A.
                                                                                                                         Sputher in.
                                                                                                                                                     FCR: primer; amplification; ss
                                                                                                                                                                                                                             Nucleotide sequence of 5' FCR primer GSPDH.
                                                                                                                                                                                                                                                             8661-1,90-97
                                                                                                                                                                                                                                                                                           AAV4163H
                                                                                                                                                                                                                                                                                                                        AAV41638 standard; DNA; 26 BF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   tor control of cell growth.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 can be used as a substrate for the screening of potential inhibitors, which can then be used in the control of cell growth and as antitumour adents. Antisense DNA delivered via a suitable vector can also be used
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    Example 3; Page 35; 63pp; Japanese.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Serine-threonine kinase highly expressed in actively arowing cells
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                WPT:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Necro J. Oka A:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           (CHRC) ) CHOCIAL RES INST MOTFOULAR MERCIMP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          27-DEC-1996;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      25 DEC-1997;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     8661-THF 60
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        antitumour agent; PCR primer; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  useful for development of cell growth inhibitors and antitumour
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Serine threemine kimuse, VEK1, VEK2. BlE kindse, eell growth ocatrol,
                                                                                                                                                                                                                                                                                                                                                                                                              21 1GAAGG1CGGAGTGAAGGGAII 42
                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Local Similarity
                                                                                                                                                                                                                                                                                                                                                                                                  1 TGAAGGTCGGAGTCAACGGATT 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                1998-388133/33
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Conservation.
                                                                                                                                                                                                                                                            (tirst entry)
 9608-0032783
                               97WO-US22331
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                         100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                           Prod. No. 0.0087.
                                                                                                                                                                                                                                                                                                                                                                                                                                                             Mismat ches
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AAZZ3113
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Hest Local Similarity
Toronas 22) Conserv
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KESULI 12
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Lipase like dene polypeptides—used for hydrolysis of
phosphatidylcholine esters or for treating e.g. athoroselerosis,
diabetes, hyperlipidemia or intrahepatic cholestasis
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     GMPDH specific 5' primer.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Disclosure: Fig 1; 94pp; English.
                                                                                                                      New bradykinin receptormarker for an inflammatory
                                                                                                                                                                                 WP1: 1999-620220/53
                                                                                                                                                                                                                                    Autel JF, Frat
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          Synthetic.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Bradykinin Bl receptor: marker; inflammatory disease; multiple sclerosis; rheumatoid arthritis; osteoarthritis, Crohn's disease; PCE primet:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                AA%23113;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
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                                                                                                                                                                                                                                                                                      CORMS: ) DNIV MCGILL
                                                                                                                                                                                                                                                                                                                                            51 MW 1758.
                                                                                                                                                                                                                                                                                                                                                                                               31 MAR 1999;
                                                                                                                                                                                                                                                                                                                                                                                                                                                    14 OCT 1999
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            alcerative colitis; hapus erythematosum disseminated;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          diagnosis and drag screening.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          21 THAMBITCH WITCHAUGHAIL 42
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Pred. No. 0.0037
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  GAPIHI; ss
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  <u>.</u>
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Disclosure; Page 8; 27pp; English

an inflammatory disease. The marker

the investion provides a bradykinin Bl receptor acting as a marker for an inflammatory disease. The marker is useful for diadnosis, measuring

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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  G3PDH; gamma interferon; smooth muscle cell proliferation; intimal thickening; thrombosis; vascular graft; endoth-cital cell; valvo, genetically modified; cardiovascular graft; artifical blood vessul, atheroscierosis, modificarth-backetorsis, heart failure, round failure, artificial courtient, country, as a sterial arcuism; organ failure, ischaemia, blood clot, thrombin, ss; a sterial arcuism; organ failure, ischaemia, blood clot, thrombin, ss; a serial arcuism; organ failure, ischaemia, blood clot, thrombin, ss;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      osteoarthritis, Grohm's disease, ulcerative colitis or lupus erythematosum disseminated. The marker goods the use conventional
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       activity and screening for agents that treat inflammatory diseases. The diseases can be multiple sclerosis, theumatoid arthritis,
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         qlyseral Johydo
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            AA221557 standard; DNA; 26 BP
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       Sequence 26 BP; 6 A; 3 C; 10 G. 7 T; 5 other,
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                                                                                                                           3-phosphate dehydrogenase (G3PDH) gene. G3PDH is used in the method of the invention, which involves preventing smooth masche cell proliferation, intimal thickening and thrombasis at the side of vascular graits. The method involves using implants coated with a mountager of endothelial cells genetically engineered to express therapeutic agents (especially gamma interferon) that limit proliferation of smooth muscle cells. The method may be used to produce cardiovascular grafts (e.g. artificial blood wassels and valves) for the treatment of arteriosclerosis (such as atherosclerosis and modial arteriosclerosis), heart tailure, renal failure, arterial aneurisms, organ failure and the treatment of the method may be used to be compared to the contract of the method may be used to be contracted to the contract of the contractions of the method flow to the contract of the co
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                            other conditions that require vascular bypasses to restore blood flow to areas of ischaemia. The presence of the embelbalial calls prevents the formation of blood clots (thrombosis) on vascular grafts because the
                                                                                                                                                                                                                                                                                                                                                                                                                                                  FOR primars \Delta\Lambda\Delta 2.11557 221558 are used to amplify the physiciald-hydrosphate dehydrogenase (G3PDH) gene. G3FDH is used in the method of
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Example 1, Column 13, 15pp, English.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      Preventing smeeth musele cell prodiferations intimal thickening and
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         (ARIZ-) ARIZONA BOARD OF REGENTS.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     thrombosis at the site of vascular grafts
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              29 · SEF · 1992;
thrombin circulating in the patients bloom does not come into contact
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               Williams SK;
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 Conservative
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                with the artificial material of the graft (only the endothelial cells contact the thrombin which does not cause clotting).
                                                                                                                                                                                                                                                                                                                                  Primers AAX21362-X21363 were used to PPP amplify a fragment of the G3PDH (giyceraldohyde-3-phosphate dcL,drogenise) gene as a control sequence for analysis of BAI gene expression in blots. The BAI genes (AAX21355-X21357) are expressed specifically in the brain and play an important role in cancer formation in the brain. The BAI proteins can be
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Human; BAI1; brain: cancer; drug; diagnosis; prevention; treatment;
primer; PCR; amplification; ss.
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01-APR-1999
                                                                                                                                                                                                                                                                                    Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                      used in drug compositions to diagnose, prevent of treat such cancers.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         cancer formation
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        New human BAI gene . is expressed in brain plays important role in
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          WFT; 1999-183823/16
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                                                                 AAX01679 standard; DNA; 26 PP
                                                                                                                                                                                                                                                                                                                                                                                                                                        Fxample 3, Page 16; 62pp; Japanese.
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                                                                                                                                                   1 THANGGTCGGNGTCANCGCATT 22
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Pred No. 0.0037;
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Wismatches
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                                                                                                                                                                                                                    AAX01671-X01682 are PCK primers used amplify the human prostate-specific antiden (PSA) and the prostate-specific membrane antiden (PSM) which are used in a method for detecting circulation prostate cells. The method involves t sensitive multiplex RT-PCF assay and can simultaneously detect PSA-expressing cells, PSM-expressing cells and a objuitously expressed internal PCE control gene G3PDH all within a single reaction. The method is used for diagnosis of prostate carcinoma.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        Prostate specific antique; prostate specific membrane untique; PSM; PSA; amplification; prostate carcinoma, multiplex assay, detection; diadnosis; PCK primer; ss.
                                                                                                                                                                                                                                                                                                                                                                                 beteetion of circulating prostate cells - by amplifying prostate membrane antigen and prostate-specific antigen cDNA
                                                                                                                                                                                         Sequence 26 BP; 6 A; 3 C; 10 G; 7 T; 0 other;
                                                                                                                                                                                                                                                                                                                                                   Claim 12d; Column 3; 26pp; English.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                ("HAR ) CHARLOTTE-MECKLENBURG HOSPITAL AUTHORITY.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               24 JUN-1996;
05 MAY 1997;
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                                                              9608-0016543.
9708-0851135.
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Result
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O
  Pred. No. is the number of results predicted by chance to have a score greater than or equal to the score of the result being printed, and is derived by analysis of the total score distribution
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Match Length DB
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/cgn2_6/ptodata/1/inay5A_COMB.seq.*
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/cgn2_6/ptodata/1/inay6A_COMB.seq.*
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		JS-09-256-492-5	JS-09-344-520-5	JS-09-255-912-5	JS-09-357-073-5	18-09-366-257-5	JS-09-156-807-5	JS-09-339-964-5	JS-09-358-381-5	JS-09-161-443-5	JC 09-357 072-5	15-00-584-376-5	JS-09-255-888-5	JS-09-255-911-5	JS-09-358-382-5	JS-09-255-893-5	28-09-205-921-5	19-09-106-038A-5	C 447 TOT 60

ALIGNMENTS

; Sequence 5, Application US/08327494A ; Patent No. 5527678 US-08-327-494A-5 RESULT 1 US 08 327 494A 5 Cucaly Match Matches GENERAL SOLITERATORAND SOMEOFNE SOLITERATORAND SOMEOFNE COMPUTER READABLE FORM: MEDIUM TYPE: Floppy disk COKRESPONDENCE ADDRESS: TITLE OF INVENTION: APPLICANT: Blaser, Martin J TYPE: nucleic acid STRANDEDMESS: Single TOPOLOGY: linear MOLECULE TYPE: DNA (genomic) ATTERNAY/AGINT INFORMATION: NAME, SPITALE, OWENDED: 70 D. KECKCINATION NUMBER: 36,016 REFERENCE/POOPET NUMBER: 220 SOFTWARE: Patentin Release #1.0, Version #1.25 CHRRENT APPLICATION DATA: NUMBER OF SHOUENCES: APPLICANT: Sharma, Smita A APPLICANT: TELECOMMUNICATION INFORMATION: TELECOMMUNICATION INFORMATION: 404 /688-0770 COMPUTER: IBM PC compatible OPERATING SYSTEM: PC-DOS/MS-DOS SOFTWARE: Patentib Release." ZIP: 10.00 FILING DATE: COUNTRY: STATE: CITY: Atlanta ADDRESSEE. 21 TRANSCEPTERSACEOVING TO CLASSIFICATION: 435 APPLICATION NUMBER. LENGTH: THE PEAK INFORMATION: 52.4%, Score 22, PP 7, L id gimilarity 100 0%, Prod Mo 0.00038; 22; Conservative 0, Mismatoka 303-3 Georgia 127 Peachtree Street, Suite 1200 26 base pairs USA 404/688-9880 Tummuru, Murali K.R NEEDLE & MOSEMBERG, P.C enque and case dones for H pylori and polatrod Mothods and Compositions œ "S " P 1327, 494A 500 DOG Longth 167 Indels 0; Gaps

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Patent No. 5957972
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Patent No. 5858673
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Best Local Similarity 100.0%; Pred. No. 0.00988;
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                                                                                                                  CORRESPONDENCE ADDRESS: 8
                                                                                                                                                        APPLICANI: Williams, Stuart K.
APPLICANT: Stopeck, Alison
IIILE OF INVENTION: Improved In
IIILE OF INVENTION: Ce of Endot
IIILE OF INVENTION: Intimal Th
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APPLICANT: Telgland, Chris M.
FITLE OF INVENTION: METHOD FOR DETECTING PROSTATE CELLS
RUMBER OF SEQUENCES. 12
CURRESPONDENCE APPRESS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DAFA:
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                                                         STREET:
                                                                                                                                                                                                                                                                                                                                                                                                                                           21 IGANGGTCGGAGTCAACGGATT 42
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TOWNEAX: 702 334 2014
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                                                                                                 ADDRESSEE:
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COMFUTER: IBM PG compatible
OPERALING SYSTEM: PG DOS/MS-1908
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                                                                                                   Antonio Durando
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: TYPE: BHA
; ORGANISM: Homo Sapiens
US-09-344-700-13
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, Sequence 13, Application TS/09341700

; Patent No. 6265194
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; Patent No. 6395530
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        Match
        CD.48; Shire 22; SB 2; S

        Hest Local Similarity
        100,0%; Pred. No. 0,00048; Matches
        0; Mismatches
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CUPPENT APPLICATION NUMBER: 05/09/3444,700
CURRENT FILING DATE: 1997-06-25
FARLIER APPLICATION HUMBER: E01/01/97/0485
FARLIER FILING DATE: 1997-12-25
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EARLIER FILING DAIE: 1996-12-27
NUMBER OF SEQ ID NUS: 37
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APPLICANT: Oku, Asuka
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 LENGTH:
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MEDIUM TYPE: diskette, 3.5 inch, 1.44mb storage
COMPUTER: IMM compatible PC
OPERATING SYSTEM: Whidows 4.1
SOFIWARE: Word Perfect 6.0a
CURRENT APPLICATION DATA:
APPLICANT: Lynch, Kevin J.
APPLICANT: Amin, Dilip V.
APPLICANT: South, Victoria J.
LITLE OF INVENTION: LIG POLYPETIDES OF THE IMPACYL REPERCE.
                                                                                                                                  APPLICANT: Jaye, Michael C. APPLICANI: Joan, Kim-Anh L.
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PRIOR APPLICATION DATA:
                                                                                                          APPLICANI: Krawiec, John A.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             SEQUENCE CHARACTERISTICS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: nucleic acid
STRANDEDNESS: single
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US-08-985-492-30
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 TELEPHONE: (610)454-3839
TELEFAX: (610)454-3808
INFORMATION FOR SEQ ID NO: 30:
SEQUENCE CHAPACTEPISTICS
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MEDIUM TYPE: Floppy
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REGISTRATION NUMBER: 35.135
REBERENCE, DOCART NUMBER. A258
TELECOMMUNICATION INFORMATION:
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CURRENT APPLICATION DATA:
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APPLICANT: Sharma, Smita A
TITLE OF INVENTION: coap and coaps for H pylori and
TITLE OF INVENTION: Polated Methods and Compositions
                                                                                              MEDIUM TYPE: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM. FC:205/MS 100
SOFTWAPP: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
                                                                                                                                                                                   COMPUTER READABLE FORM:
MEDIUM TYPE: Floppy
                                                                                                                                                                                                                                                                                                                                  NUMBER OF SEQUENCES: 8

CORRESPONDENCE ADDRESS:
ADDRESSEF: NEEDLE & ROSENBERG, P.C
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COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-DOS/MS DOS
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                    ATTORNEY/AGENT INFORMATION:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    2) TGAAGGTGGGAGTGAAGGGATT 42
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CITY: Atlanta
SIATE: Georgia
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            1 TGAAGGTCGGAGTCAACGGATT 22
                                                                                                                                                                                                                                                 COUNTRY:
    NAME:
                                          CLASSIFICATION:
                                                              FILING DATE:
                                                                                APPLICATION NUMBER: PCI/US95/13659
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pedness: single
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Spratt, Gwendolyn D.
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PCT-US95-13659-5
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                                                                                                                                    US-08-937-063-1
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                                                                                                                                                                                                 REFERENCE/INCIDE NUMBER

ILLECAMMUNICATION INCOMPTION:
TELEPHONE: (781) 861-6240
TELEPAX: (781) 861-6240
INFORMATION FOR SEN ID NO. 1:
SEQUENCE CHARACTER SETICS:
LENGTH: 20 base pairs
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                                                                  Matches
                                                                                                  Query Match
                                                               Best nodal Similarity
Matches 20, Conserv
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TITLE OF INVENTION: METE
TITLE GE INVENTION: REJJ
NUMBER OF SEQUENCES: 32
CORRESPONDENCE ADDRESS:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       APPLICANT: STROM, LL.,
APPLICANT: VASCONCELENCS, LAURO
APPLICANT: SUTHANTHIKAN, MANTKKAN
APPLICANT: SUTHANTHIKAN, MANTKKAN
APPLICANT: SUTHANTHIAN OF EVALUATING TRANSPLANT
APPLICANT: OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  MOLECULE TYPE: DNA (genomic)
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 MEDIUM TYPE: Floppy
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NAME: GRANAL
                                                                                                                                                                                                                                                                                                                                                                                                                              SOFTWARE: PatentIn Release #1.0, Version #1.30 CURRENT APPLICATION DATA:
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STRANDEDNESS: single
TOPOLOGY: linear
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Local similarity 100.0%; Fred. No. 0.0038;
hes 22, conservative e: Mismatches 0;
                                                                                                                                                                                                                                                                                                                                                                                                                                        COMPUTER: Floppy disk
COMPUTER: IBM PC compatible
OPERATING SYSTEM: PC-TOS/MS-DOS
SOFTWARE: Patentin Policy
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REGISTRATION NUMBER: 32,1
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                                                                                                                                                                   TYPE: nucleic acid STRANDEDNESS: single
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                               19 GGTGAAGGTCGGAGTCAACG 38
                                                                                                                                                    TOPOLOGY:
1 GGTGAAGGTCGGAGTCAACG 20
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                                                                  Conservative
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                                                                                                                                                                                                                                                                                                                                                               THEORIGATION:
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                                                                 47.6%; Score 20; DB 4; Length 20; 130.07, Fred. No. 0.0056; matthe 0; Mismatches 0; Indels
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: Patent No. 5639606
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                                  Matches
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                                                 Best Local Similarity
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANT: Willey, James C FITTLE OF INVENTION: Method FITTLE OF INVENTIVE (Sec. E.
                                                                                                                                                                                                                                                                                                                                                                                                                                          MOLECULE TYPE: OF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         FILING DATE: 06-Apr-1993
ATTORNEY/ACENT INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        CLASSIFICATION: 435
PRIOR APPLICATION NUMBER: 08/043,390
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      COMPUTER: HBM PC compatible opeRATING SYSTEM: PC-DUSYMS-DOS SOFTWARE DATE OF THE PC-DUSYMS-DOS CURRENT APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                           PUBLICATION INFORMATION:
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ORGANISM: Bomo sapiens
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                                                                                                                                                                                                                                                                                              AUTHORS:
                                                                                                                                                                                                                                               AUTHORS:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            LENGTH: 24 base pairs
TYPE: nucleic acid
STRANDEDNESS: double
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25 GGTCGGAGTCAACGGATT 42
                                                                                                                                              PAGES:
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                                                                                                                                                                                                                                                                                                                                               AUTHORS:
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                                                                                                                                                                                                                 AUTHORS:
                                18; Conservative
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                                                                                                                                                                              human lung cancers
h: Cancer Res.
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(419) 243-8502
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Sawada, K.
                                                                                                                                                                                                                                               Sakiyama, S.
                                                                                                                                                                                                                                                                                                                              Nakamura,
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                                                                                                                                                                                                                                                                                                             Sakata, K.
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                            linear
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                                                 100.08;
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                                              Score 18; DB 1; Length 24; Pred. No. 0.08;
                                Mismatches
                                0: Indels
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US-08-876-766 13
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, Patent No. 5876978
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APPLICANT: Willey,
TITLE OF INVENTION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          IELEPHONE: (419) 243-120
IELEFAX: (419) 243-8502
INFORMATION FOR SEQ ID NO: 1
SEQUENCE CHARACTERISTICS:
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COMPOTER: HAM PC compatible
COMPOTER: PARTY POSSESSED TO SACRET DOS
SOPTWARE: Patentin Release #1.0, Version #1.25
CURRENT APPLICATION DATA:
APPLICATION RUBBEK. US/08/87/87/2766
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              PUBLICATION INFORMATION:
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ERIOR APPLICATION DATA:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 COMPUTER READABLE FORM:
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TITLE OF INVENTION. Game Expression Using Majorging Composition Homelso
TITLE OF INVENTION. Transcriptuse Polymerase Chain Reaction
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                              RELIEVANT RESIDENCE IN SEC ID NOT
                                     PAGES: 5810
DATE: SUMMER-1990
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                                                                                                                                    VOLUME:
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Sawada, K.
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Nakamura, Y.
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RESULT 10
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                                                           US-09-205-922-5; Sequence 5, Application MS/00205022; Patent No. 5951455
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                                                                                                                      RESULT 12
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Best local similarity 100.0%;
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              APPLICANT: Brenda F. Baker
APPLICANT: Lex M. Cowsert
TITLE OF INVENTION: ANTISENSE MCDULATION OF ELK-1 EXPRESSION
FILE REFERENCE: RTS-0024
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APPLICANT: Lex M. Cowsert TITLE OF INVENTION. ANTISENSE MODULATION OF 3 APLHA 11 EXPERSSION
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Local Similarity 100.0%; Pred. No. 1.2;
hos 16: Cosservation 3: Mismatches 3: indula
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US-09-205-144-5
, Sequence 5, Application US/09205144
, Patent No. 5958771
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US-09-205-204-5
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CURPENT FILING DATE: 1998-12-03
NUMBER OF SEQ ID NOS: 47
SFQ ID NO 5
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LENGTH: 19
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AFPLICANT: Loa M. Cowsert
13708 EF DVERTION: ARTISHSE MODULATION OF CELUTAR INSTRUMER OF APERMOSTS-2 EXPRESSION PROPERSIONS: RES-0021
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PULFINE AUFITCATE N N'MEET HE DO CORRENT FILING DAVE: 1998-12-03
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APPLICANT: Elizabeth J. Achermann
APPLICANT: Lox M. Cowsert
APPLICANT: Lox M. Cowsert
APPLICANT: Lox M. ANTIBERSE MEGTATION OF CFILITIAF INSERTION OF APOSTORIST EXPR
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RESULE 15

US-09-212-771 S

SEQUENCE 5, Application US/09212771

Eatent No. 55-877 8

EATENT NO. 55-877 8

CENERAL INFORMATION:
APPLICANT LEX M. COWSCIT

TILLE OF INVENTION: ANTIGENSE MC00LATION OF AKT-1 EXPRESSION
FILE REFERENCE: RIS-00-4

CURRENT FILING DATE: 1998-12-16

NUMBER OF SEQ ID NO. 5

LENGIN: 10

SEC ID NO. 5

LENGIN: Artificial Sequence
FEATURE:
FURTURE: Artificial Sequence
FEATURE:
FURTURE: ARTIFICIAL SPOR Primer

US 09-212-771-5
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SUMMARIES

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Sequence 10 Appl	Serpence 44, Appl	Sequence 1, Appli	Sequence 10, Appl	Sequence 24, Appl	Sequence 11, Appl	Sequence 7, Appli			Sequence 7, Appli	Sequence 5, Appli	Sequence 7, Appli	Sequence 7. Appli	Sequence 89, Appl	Forgues 25 Appl	Sequence 7, Appli	Sequence 7, Appli	Sequence 5, Appli	Sequence 7, Appli	enquence 7, Appli	ء د					

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TUBLICATION NO. US20030022237A1

SHEEPAL INFORMATION
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                                                                                                                                                                                                                                                                                                                                                             CURRINE FILING DATE: 2001-09-26
FRIGR APPLICATION NUMBER: 6,7215,833
PRIOR FILING DATE: 2000-09-27
FRIGR PRIZATION NUMBER: 60,7241,776
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
PRIOR FILING PATE: 2001-08-17
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SOTTWARE: Palon*ID Vor 2
STO ID NO 29
LENGTH: 28
youry Match (77.30) Source 24 DR 9, G. Gost Local Similarity 100 0%; Fred No. 5 7e-05; Matches 21, Conservative 0; Mismatches 0;
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HILLS OF INVENTION. A MOVEL HUMAN G-FESTEIN COUPLER FETTITOF, HTFSPMY4,
TITLE OF INVENTION: EXPRESSED HIGHLY IN PROSTATE, COLON, AND LUNG
PILE SETEPENOF: DOORNAP
CHEFENT AFFICATION NUMBER: HS/09/966,459A
CHEFENT AFFILMS TAKES 2081 09 26
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AFFICANT: MINTIER,
AFFICANT: FAMANATHA
AFFICANT: HAWKEN. F
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EAMANATHAN, C S.
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· Sequence 41. Application US/09992441

Publication No. US/2098022186A1
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5 OTHER INFORMATION. Tagman(K) Froha
18 09 966 782A-33
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FILLE OF INVENTION: A NOVEL HUMAN G-FROIDIN COUDLED RECEPTOR, HOPREMYLE,
TILLE OF INVENTION: EXPRESSIB HIGHLY IN PITUITARY GLAND AND COLON CARCINOMA
FILE REFERENCE: DODGEND
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                                                                                  PRIOR ALLEVATION NOMBER, 63.75 PRIOR FILING DATE: 2000-11-14 NUMBER OF STATE TO NOS. 45
                                                                                                                                                                    PRIOR APPLICATION NUMBER: 60/261,782
PRIOR FILING DATE: 2001 01 16
                                                                                                                                                                                                                            CHERENE APPLICATION NUMBER: US/09/992,731
CHERENE PILING DATE: 2001-11-14
FKI-8 APPLICATION NUMBER: 66/798,549
FKI-6 FILING DATE: 2001-07-27
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: FEDER, APPLICANT: MINII
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                                                          SOFIWARE: Patentin Ver. 2.1
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TITLE OF INVENTION: EXPRESSED HIGHLY IN SPINAL CORP. ESSEPTICE, HOTERMY?,
FILLE OF INVENTION: EXPRESSED HIGHLY IN SPINAL CORP.
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TENGTH: 28
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Cacace, A.
Barber, L.
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               MINITER, CABE
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US-09-966 (128-26/)

Sequence 26, Application US/099664228
FUBLICATION NO. US/090644892A1
FUBLICATION NO. US/090644892A1
GENERAL HAPMANTON:
AFFLICANT, ENTERLY! Myers Squild Company
TITLE OF INVENTION, A RAVEL HOMAR S FESTICH STITLE OF INVENTION, SMALL HINEST HOMAR SEFECIES STATE FILE REFERENCE, DOGGONP/3054 4119084
FILE REFERENCE, DOGGONP/3054 4119084
FULSION OF ILLING SATE: 2002-054-07
PRIOK AIPLICATION NUMBER, 607/405,604
PRIOK AIPLICATION NUMBER, 607/405,604
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: OTHER INFORMATION: LAGMAN PROBE
US 09 992 331 41
                                                                                                                                                                                                                                                                                                                                                                                                        ē
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    : OTHER INFORMATION: Description of Artificial Sequence: GAPOH-PVIC: OTHER INFORMATION: Tagman(R) Probo-
DS-09-965-536A-28
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AFFELICANI KINITE
AFFELICANI KAHANA
AFFELICANI HAWKEN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matches
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Best Doral Similarity
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TITLE OF INVENTION. A REVELHOMAN O FROIEN COURLES RECEPTOR, HOPKHMYS.
TITLE OF INVENTION. EXPRESSION BLOKEF IN BEATH AND WARTAN DESIGN
PILE REPERINCE: LOCALING
CURRENT APPLICATION COMPLETE: 1000-005-26
CURRENT FILING DATE: 2001-09-26
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PRIOR FILING DATH: 2000-09-27
PRIOR APPLICATION NUMBER: 68/261,781
PRIOR FILING DATE: 2001-01 16
PRIOR APPLICATION NUMBER, 68/305/605
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ 10 NOS: 51
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      PRIOR FILING DATE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             PRIOR APPLICATION NUMBER, 60/010,436
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TRIOR TILLIED DATE.
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ORGANISM: Artificial Sequence
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ldo.0%; Pred. No. 5.7e-05
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PRIOR FILING DATE: 2001-07-19

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; TYPE DWA
; ORGANISM: Homo sapiens
US-09-966-4228 26
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US-099-992 238-62, 3
Sequence 52, Aprilention US, 30383218
Publication No. 1922000054444A1
GENERAL INFORMATION:
                                    US-10-101-921-37
; Sequence 37, Application US/10101921
; Publication No. neroway: 221-041
                                                                                                                                                                                                                                                                                                                                                         US-09-992-238.6.
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Best Local Similarity 100.
Matches 24: Conservative
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                         GENERAL INFORMATION:
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Matches 21, Conserv
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PRIOR FILING DATE: 2001 OR 28
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  CURRENT FILING DARMS 2001-11-14 PRIOR AFTICARION NUMBER 50 40 41/16/ PRIOR APPLICATION NUMBER 50 40 8485
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APPLICANT: HAWKEN, DOMALD R
APPLICANT: KORNACKEK, MICHAEL G
TITLE OF INVENTION: A NOVEL HUMAN G-PROTEIN COUPLED RECEPTOR, HGPREMY8.
TITLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         SOFTWARE: PatentIn version 3.0
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PRIOR FILING DATE: 2000-11-14
NUMBER OF SEQ LD NOS: 102
SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   PRIOR APPLICALION NUMBER: 69, 498,888 PRIOR FILING DATE: 2001 07 27 PRIOR APPLICATION NUMBER: 60,758581 PRIOR FILING DATE: 2001-02-14
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CURPENT APPLICATION NUMBER: US/09/992,238
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        APPLICANT: BATTAGLING, PETER APPLICANT: FEDER, JOHN N
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APPLICANT: Nezu, Jun·Ichi
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                  TYPE: DNA
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                                                                                                                                                                                                                                                                 Conservative
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OTHER INFORMATION: Josephy Live of Artificial Sequence synthetic
protter INFORMATION: primer
us-09-738-396-39
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; GENERAL INFORMATION:
APPLICANT: Ahmed, Asit Syed
TITH: OF INVENTION, Methods of Delaying the Onzet of Labor
FILL EFFERMATION OF PARTY AND RECOGNIZATION AND ASSOCIATION OF AND SECURITY FUNDATION NUMBER: US/09/952.604
CURRENT FILLING FARM: 2002-03-25
                                                                                                                                              ; Sequence 1, Application US/09952604 ; Patent No. US20020137680A1
                                                                                                                                                                                                  US 09 952 604-1
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                                                                                                                                                                                                                            RESULT 9
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Best Local Similarity 100.0%;
Matches 22, Ourservation of
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APPLICANT: Gedzik, Adam
TITLE OF INVERTION. BCL C Polypoptides, Encoding Nucleic Acids and Methods
TITLE OF INVERTICA: of Ose
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   Patent No. 9220010029013A1
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CHESTNI APPLICACION NUMBER DE 102 104 7822, 246
CHESENT FILING DATE: 2000-12-14
EFICE AFFICANTION NUMBER US 03/461,641
PRIOR FILING DATE: 1999-12-14
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PRIOR ADDITCATION NUMBERS: UP 11/267835
PRIOR FILING DATE: 1999-09-21
NUMBER OF SECTED NOS: 38
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CURRENT FILING DATE: 2002-06-28
FRICE APPLICATION NUMBER: POT/LIPHO/06416
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APPLICANT: TSUJI, AKIRA
TITLE CP 'MUNUTON' TPANSPOPTED GENES OAIP-B, C, D, AND E
FILE REFERENCE: 06501-104051
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SOFTWARE: Patentin Ver
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LENCTH: 26
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; Pred. No. 0.00087;
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                                                                                                                                                                                                                                                                                                                                                                          Sequence 1, Application USZ09992860
Patent No. US20020146472AL
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      GENERAL INFORMATION:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Sequence 44, Application US/09816248 Fatent No. US20020137703A1
                                                                                     SEC II NO 1
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    SEC ID NO 44
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    NUMBER OF SEQ ID NOS: 5
SOFTWARE: Patentin Ver. 2.1
SEQ ID NO 1
                                                                                                                                                                                                                                                                      APPLICANT: Chen, Kwang yu
APPLICANT: Hoo, chi Tang
APPLICANT: Hosen, Robert F.
APPLICANT: Ghai, Geetha
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Hest Local Similarity 100.0%; Pred. No. 0.0
Hest Local Similarity 0, Mismatches
                                                                                                                       CHREEN APELICATION HOMBIE, 33,70 5,702,803
CHREEN FILING DATE 2001 11 14
PRIOR APPLICATION NUMBER: 60/248,942
PRIOR FILING DATE: 2000-11-15
NUMBER OF SEQ ID NOS: 22
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   CURRENT FILING DATE: 2001 OF 26 NUMBER OF SEC ID NOS: 45 SOFIMARE: Patentin Vet. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TIFLE OF INVENTION: Black Toa Extract for Provention of Discuss FILE REFERENCE: R0.0173
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: BAUMANN, PETER APPLICANI: CECH, THOMAS F
                                                                                                          SOFTWARE: Patentin Ver. 2.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      OTHER INFORMATION: Description of Artificial Sequence:vascular other information: endothelial growth factor antisense (3') primer
FEATURE:
                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           other information: bescription of Artificial Sequence: Primer
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     FEATURE:
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                                                TYPE: DNA
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                                                                                                                                                                                                                                                                                                                                                      INFORMATION:
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: Patent No. US20020132235Al
: GENERAL INFORMATION:
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Sequence 48, Application US/09918702
Fatent No. US20020146678Al
GENERAL INFORMATION:
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                                                                                                                                                                                                                           SEQ ID NO 1
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         Matches
                      Opery Match
Best Local Similarity
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Hest Local Similarity 100.
Matches 22, Obsservative
                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANI AVININGARON, YINGYOS
APPLICANI Ma, Nalli
APPLICANI Strom, Terry
APPLICANI Source, Mignel C.
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CURRENT AFFILIATION NUMBER: 03/03/016,702
CURNENT FILING DATE: 2001-07-31
NUMBER OF SEQ ID NOS: 73
                                                                                                                                                                                                                                                                  CURRENT APPLICATION HONSER, MONTS/7777782
CURRENT FILING DATE: 2001-62-66
NUMBER OF SECIED NOS: 41
                                                                                                                                                                                                                                                                                                                        APPLICANT: Ferran, Christane
APPLICANT: Manikam, Suthanthiran
TITLE OF INVENTION, MEASUREMENT OF FROTECLIVE GENES IN ALLOCKAFT RESERVED.
FILE REFERENCE: 01948-059001
                                                                                                                                                                                                                                             SOFTWARE: FastSEQ for Windows Version 4.0
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                                                                                                           OTHER INFORMATION: Synthetically generated primer
                                                                                                                                      FEATURE:
                                                                                                                                                      ORGANISM: Artificial Sequence
                                                                                                                                                                                                    LENGTH: 20
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100.0%; Pred. No. 0.00087;
Live 0, MidmuteEco 0, Indeb:
                         47.6%, Score 20: DB 10: Length 20: 
100.0%; Pred. No. 0.013:
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CURRENT FILTING DATE: 2001-07-06
PRIOR APPLICATION NUMBER: DE 101 33 080 0
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PRIOR APPLICATION NUMBER: DE 101 19 294.0
PRIOR PRIOR DATE: 2001-04-19
PRIOR APPLICATION NUMBER: US 60/243,158
PRIOR FILING DATE: 2001-0-25
PRIOR APPLICATION NUMBER: US 60/243,158
PRIOR FILING DATE: 2001-0-25
PRIOR APPLICATION NUMBER: US 60/297,747
PRIOR FILING DATE: 2001-06-14
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APPLICANT: No. 9290920142003Albert Schweifer
APPLICANT: Marwa Scherl Mostageer
APPLICANT: Wolfgang Sommergruber
APPLICANT: Roger Abseher
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// Patent No. US20020142003A1
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                                                                                                                    ) OTHER INFORMATION: Description of Artificial Sequence: Primer US-09-897-412-4
                                                                                                                                                                                                                                                                                    CURRENT APPLICATION NUMBER: US/09/P97.412
CURRENT FILING DATE: 2001-07-03
PHIOR APPLICATION NUMBER: GB 0016441.8
PHIOR FILING DATE: 2009-07-04
NUMBER OF SEQ ID NOS: 13
SOFTWARE: PATENTIN Ver. 2.1
SEQ ID NO 4
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 4, Application US/N9897412
Patent No. US20020142956A1
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Query Match 45.2%, Scote 19, DB 10, Leigth 22; Best Local Similarity 100.0%; Prod. No. 0.052; Matches 19; Conservative 0, Mismatches 0, Indels
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            APPLICANT: Davis, Richard J
APPLICANT: Page, Keith J
IIILE OF INVENTION. Use of Secretin Receptor Ligands in Treatment of Cystic
TITLE OF INVENTION: Fibrosis (CF) and Chronic Obstructive Pulmonary Disease
IIILE OF INVENTION: (COPD)
FILE REFERENCE: 620-148
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FILE REFERENCE: 0552.2280001
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                                                                                                                                                                            FEATURE:
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Serie to 24. Appl	Cognorne 15, Appl	Sequence 13, Appl	Semporation Size, App	Sognorno 981, Afp	Sequence 41. Appl	Sequence 33, Appl	Sequence 30, Appl	Sequence 184, App	Sequence 41, Appl	1ddv 3, astarbaj	Sequence 32 Appl	Sognonce 29, Appl	Sequence 26, Appl	Sing a harm CR / Appl	Sp.: nce 39, Appl	Seguence 32, Appl	Soquero 184. App	Sequence 1, Appli	Description	

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PCL US02-11525-184/c
SOFTSCHOOL 184. APPLICATION: PC/TUS0211525
GENERAL INFORMATION: GUIDD COMPANY
APPLICANT: Bristol-Myers Squibb Company
LITLE OF INVENTION: POLYNUCLEOTIDES ENCODING TWO NOVEL HUMAN G-PROTEIN COUPLED RECEPT
FITLE OF INVENTION: HGPRHMY28 AND HGPRHMY29, AND SPLICE VARIANTS THEREOF
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US-09-701 894-1
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                                                                                                                                                                                                                                                                                                                                                                                                                          Best Local Similarity
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CURRENT APELICATION NUMBER: 105 00 001, 394
CURRENT FILING DATE: 2001-01-17
PRIOR APELICATION NUMBER: PCT 01990, 12730
PRIOR FILING DATE: 1999-06-11
CURRENT FILING DATE:
          CURRENT APPLICATION NUMBER: PCT/1802/11525
CURRENT PILING DATE: 2002-05-28
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PRIOR FILING DATE: 1998-06-12
NUMBER OF SEC ID NES: 5
SOPTWARE: Patentin Ver. 2.1
                                                       FILE REFERENCE: D0143PCT
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1777-4014-30
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1553-997-13
177-052-158
178-797-139
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CORRENT FILIAG DATE: 2002-06-10
FE356 AGFLEVALER HEREER, 6,2735,713
PRIOR FILING DATE: 2000-09-27
PAICK AFELLCATION NOMBER: 60,761,783
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-01-17
PRIOR FILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
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PRIDE FILING DATE, 2001-06-25
HUMBUR OF STO ID NOS. 226
SOFTWARD, Patentin version 3.0
SPO ID NO 184
                                                                                                                                                                                                                                                                                          NUMBER OF SEQ ID NOS: 63
SOFTWARE: Patchtln Vcr. 2.1
SEQ ID NO 32
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Best Local Similarity
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Best Local Similarity 100
Matches 21, Conservative
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ERIOR EILING LAIS. 2001 05-03
ERIOR EILING LAIS. 2001 05-03
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FRICE FILING DATE: 2001-04-11
FRICE AFFILANTILE BURGER, US 60,283,161
FRICE AFFILANTILE BURGER, US 60,283,161
FRICE FILING DATE: 2001-04-11
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                                                                                                                                                                        OTHER HYPOSMATISM. Description of Artificial Sequence. OTHER INFORMATION: GAPDH-PVIC Tagman Probe
                                                                                                                                                                                                                    FEATURE:
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                                                                                                                                                                                                                                                       TYPE: DNA
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26 GGTGAAGGTCGGAGTCAACGGATT 3
                                     19 GOT CANGETECONOTICANTECATT 42
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KORNACKER, M. G.
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pred. No. 0.0012;
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Sequence 39. Application US/19961923A GENERAL INFORMATION:

US-04-964-923A-34/C

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CURPENT APPLICATION NUMBER - US/09/965,536A
CURRENT FILING LATE. 2001 03 26
PETCH AFPLICATION NUMBER: 60/235,713
PRIOR FILING DATE: 2000-09-27
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-01-16
PRIOR FILING DATE: 2001-07-19
PRIOR FILING DATE: 2001-08-03
NUMBER OF SEQ ID NOS: 61
SOFTWARE: Patentin Ver. 2.1
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LENGTH: 28
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COURPRUT APRI CANTON BINDEE "S,00,761,762A
COURRENT FILING DATE: 2001-09-26
PRIOR APPLICATION NUMBER: 60,769-628
PRIOR FILING DATE: 2001-08-02
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Best Local
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APPLICANT: MINTIER, G.
APPLICANT: RAMANATHAN, C. S.
APFLICANT: HAWKEN, D. K.
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PRIOR FILING DATE: 2003-01-16
PRIOR APPLICATION NUMBER: 69/235,709
PRIOR HITTING DATE: 2006-09-27
NUMBER: PATENTINGS: 69
SOFTWARE: Patentin Ver: 2.1
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APPLICANT: MINTIER, G.
APPLICANT: RAMANATHAN, C. S.
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                                                                                                                                                                                                                                                                                                   TYPE: DNA
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     19 CGISAAGGICGGACICAACGGAIT 42
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                                                        57.1%; Score 24; D8 36; Length 28; 100 0%; Pred No. 6 0012; stick 0, Missatches 0, Tobels
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; TYPE: DNA
; ORGANISM: Homo sapiens
US-09-966-422B-26
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A NOVELLE OF INVENTION:
A NOVEL HUMAN OFFENDER CONDITION HOPERMYS. EXPRESSED
TITLE OF INVENTION: A NOVEL HUMAN OFFENDER
TITLE OF INVENTION: ANOVEL HUMAN OFFENDER
THE PEFERBENCE: DOAGONF/3053 4119083
THEFT ACTION HUMBERS HO OF ORSE 422R
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; LENGTH: 28
                                                                                                                                                                                                        ; SEQ ID NO 29
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| Pest [Seal 8
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Quory Match
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TITLE OF INVENTION. A K-ARE BUMAN O PROTEIN OFFISH PROPERTOR, HOPEBMY4,
TITLE OF INVENTION. EXPRESSED HIGHLY IN TRACTATE, COLON AND LUNG
FILE REPERIORS DOUGNING
CURRENT AFFILITATION HIMSEF HISTORY OF 159A
CURRENT FILING DATE: 2001-09-27
FILE AFFILITATION DATE: 2001-09-27
FILE AFFILITATION DATE: 2000-09-27
FILE AFFILITATION DATE: 2000-09-27
FILE AFFILITATION DATE: 2000-09-27
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BEFOR APPLICATION NUMBER: 60-2345,602
PRICE FILING DATE: 0000-04-27
PRICE FRIEND DATE: 2001-07-19
PRIOR FILING DATE: 2001-07-19
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SOFTWARE: PatentIn version 3.0
                                                                                                                                                                                                                                              PRIOR APPLICATION NUMBER, 69,7
PRIOR FILING DATE: 2001-08-17
NUMBER OF SEQ 1D NOS: 60
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                                                                                                                                                                                                                           SOFTWARE: Patchtin Ver. 2.1
                                                                     OTHER INFORMATION: Tagman(R) Probe
                                                                                          OTHER INFORMATION: Description of Artificial Sequence: GAPDH-PVIC
                                                                                                                FEATURE:
                                                                                                                                                             TYPE: DNA
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       57 1%: Smare 24. DR 36. Length 28
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Best Local Similarity

100.0%;

Pred. No. 0.0012;

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US 09 966-782A 33
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                                                                                                                                                                                                                                                                                                                                                                      Sequence 62, Application USZ89992249 GENERAL INFORMATION:
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APPLICANT:
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               CURRENT APPLICATION NUMBER: 05/09/992,238
CURRENT FILING DATE: 2001-11-14
PRIOR APPLICATION NUMBER: 65/217166
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CURKENI APPLICATION NUMBER: US/S5/366,782A
CURKENI FILING DATE: 2001-09-26
                                                                                                   APPLIPANI: HAWKER, LAUREN
APPLIPANI: HAWKEN, DONALD R
APPLIPANI: KORMANKER, MICHAEL G
PILLE OF INVENTION: A NOVEL HUMAN G-PROTEIN POUPLED RECEPTOR, HGPRBMY8,
PILLE OF INVENTION: EXPRESSED HIGHLY IN BRAIN
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PRIOR APPLICATION NUMBER: 60/255,731
PRIOR FILING DATE: 2000-09-27
PRIOR APPLICATION EURDEE: (0/250-790)
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LITLE OF INVENTION: A NOVEL HUMAN G-EROTEIN COUPLED RECEPIOR, HIGHRAY7,
LITLE OF INVENTION: EXPRESSED HIGHLY IN SPINAL CORD
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                                                                                   FILE REFERENCE: D0047NF
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PRIOR APPLICATION NUMBER: 60/815/128
PRIOR FILING DATE: 2001-08-28
NUMBER OF SEC ID NOS: 64
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PRIOR FILING DAILS
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     okcanism: Artificial Sequence
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Cacace, A.
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                                                                                                                                                                                                               CACACE, ANGELA
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RAMANATHAN, CHANDRA S
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Ramanathan, C. S.
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US 10 120 604 184/A
I Sequence 184, Application OS/10120604
GENERAL INFORMATION:
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(113 (c) 392 331 41/0
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PRIOR APPLICATION NUMBER, 652418,484
PRIOR FILING SAIR, 2000 11 14
NUMBER OF SED ID NOS: 45
SOFTWARE: Patent to Ver. 2.1
SEO ID NO 21
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Best Local Similarity 100.0%;
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Best Local Similarity
APPLICANT: Bristol-Myers Squibb Company
Title OF INVENTION, EGGINGUID-TIDES EXPOSING TWO BOVER HOMAN -5 EMPTEIN COUPLED MEC
Title OF INVENTION: HOPKEMYIN AND HOPKEMYIN, AND OFLICE VANDANCS THEMPOF
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: KINITEK, GABE
APPLICANT: RAMANATHAN, CHANDRA S.
APPLICANT: HAWKER, DONALD K.
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TITLE OF INVENTERAL A MACHINER HERAN SERGETH TODICARY SLAWL AND CALCULARY MACHINERAL TITLE OF INVENTION. EXHABISHED HERAN FINE INVENTION. CELLS
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NUMBER OF SEQ 1D NOS: 102
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PRIOR PILLED BAIE: 2001-07-27
PRIOR APPLICATION NUMBER: 60/268581
PRIOR FILLED DAIE: 2001-02-14
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                                                                                                                                                                                                                                                                                                                                                                                                                                              OTHER INFORMATION: Description of Artificial Sequence: WIHUS INFORMATION: PAQMAN PROBE
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            FEATURE:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    GRUANISM: Artificial Sequence FEATURE:
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          TYPE: DNA
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; ORGANISM: Homo sapiens US-10-120 604 184
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Best Local Similarity 100 0%; Prod My VIII
Matchook 24 Conservative O Mismatcher
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Best [77]
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APPLICANT, Bristol Myers Squibb Company
TITLE OF INVENTION: A NOVEL BYMAN GEFFOTETH COMPTET PROESTOR, SEPREMAT, EXPRESSION HIT
LITLE OF INVENTION: SPRINAL CORD
FILE PREPERRY, 19944 CIP
CURRENT ARTHON ALTH MUNCH 18, 16,284,405
CURRENT ARTHON DATE: 2002-09-25
NUMBER OF SEQ ID NOS: 75
NUMBER OF SEQ ID NOS: 75
SUPPLY APPL PRICALITE VERSION 3 1
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TITLE OF INVENTION: A NOVET BUMAN LEVGINE FICH SCREAT CONTAINING PROTEIN EXPRESSED
TITLE OF INVENTION. PREDOMINATELY IN BONE MARROW, HIRFBM1
FILE REPERENCE: 10007A CLF
CUPPENT APPLICATION MUMBER: US 010/143,774
CUPPENT APPLICATION NUMBER: US 60/27
PRIOR APPLICATION NUMBER: US 60/257,773
PRIOR FILING DATE: 2000-12-23
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PRIOR APPLICATION NUMBER: US 60/283,161
PRIOE FILLING EATE. 2001-04-11
PRIOR APPLICATION NUMBER: US 60/288,468
PRIOR FILING FATE 2001-04-04
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PRIOR FILING DATE: 2001 06 25
NUMBER OF SEC ITS NOS: 226
SOFTWARE: Patentin version 3.0
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CURPERT ACET TOATTON NAMEES
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SOFTWARE: Patentln version 3.1
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TYPE: DNA
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; FEATURE: . OTHER INDORMATION: GAPDH-PVIC Tagman(P) Probe US-10-254-905-33
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FETOF AFFLICATION WIMBER: 9.5. 20
PRIOR FILING DATE: 2001-11-14
NUMBER OF SEQ ID NOS: 50
SOFTWARE: Patentin version 3.1
SEQ ID NO 41
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, ORGANISM. Homo sapiens
US 10 262-313-41
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; GENERAL INFORMATION:
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                                                               Query Match
Best (ocal Similarity 100.0
1 thes 21, Octaoryative
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                                                                                                                                                                                                                                                                                                     SEQ ID NO 981
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         Matthes
                                                                                                                                                                                                                                                                                                                         CURRENT EILING DATE: 2002-01-18
HITHREF OF ETO NOS: 981
SOFTWARE: Patentin version 3.0
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                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTION, IDENTIFICATION OF GENES FOR FREDICTING ACTIVITY OF COMPOUNDS T
TITLE OF INVENTION, INTERACT WITH SET TYPOSTUP FINASES AND THE SEC TYPOSTUP FINAS
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THIS of INVENTOR Work SUMAN OTHER FINE COURTS EXPRESSED
                                                                                                                                                                                                                                                                                                                                                                                      PILE REFERENCE: D0185
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                                                                                                                                                                                                                   FEATURE:
                                                                                                                                                                                                                                   ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                              TYPE: DNA
                                                                                                                                                                                          OTHER INFORMATION: Filmoreseent dye labeled oligonucleotide primer.
                                                                                                                                                                                                                                                                                LENGTH: 28
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19 CSTSAACCTCSCACTCAACCCATT 48
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                                                                                                        100.0%;
                                                                                                   eners 24. DR 79;
; Pred. No. 0.0012;
                                                                                    Mismatches
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Title:
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Searched: 5897297 seqs, 2233080881 residues

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11: /ogn2_cyptodata/1/pna/HSM7_NEW_COMB.seq.*

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Sequence 7. Appli	Sequence 7, April	Sequence 7, Appli	Singuisticie 7. Appli	Sequence 4, Appli	Sequence 83, Appl	Series 127, Aff	Sequence 3, Appli	Sequence 1, Appli	Signamia Zi, Appl	Sorphoneo Je, App.	Sognono 26, Appl	Sugardon 5, Appli	`	Sequence 79, April	\sim	Servence 75. April	Sequence 795, App		Sequence 24. Appl	Soquence G3. Appl	Seguence SOL App.)	Description

. Sequence 93. Application US/20071078
) GENERAL INFORMATION:
APPLICANT Bristol Myors Squibb Company
IIILE OF INVENTION, MOVEL HOWAN LEUCINE RICH WEPPAT DAMAIN CONTAINING MCCHEIN, HUL
FILE SEPTEMBACE, D0157 ME
CHEPFENT APPLICATION HTMREF: HE 170/271,078

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ALIGNMENTS

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COMPANY DEVIATION WIMERS 10 5 60 235,713
FRIOR FILLING DATE: 2001-01-16
PRIOR FILLING DATE: 2001-07-13
PRIOR FILLING DATE: 2001-07-13
PRIOR FILLING DATE: 2001-08-17
PRIOR FILLING DATE: 2001-08-17
PRIOR FILLING DATE: 2001-08-17
PRIOR FILLING DATE: 2001-08-17
PRIOR FILLING DATE: 2001-09-26
NUMBER OF SE2 ID NOS: 66
SOFTWARE: Patentin version 3.1
SEQ ID NO 32
INVETE: 38
TYPEL DAM
ORGANISM: Homo Sapiens
US 100.03; Fred. We on conds;
PROPE MAINE: 100.03; Fred. We on conds;
PROPE MAINE: 100.03; Fred. We on conds;
PROPE APELCACION SAPIENS
US 10 264-332-32

PROPERTY MAINE: 100.03; Fred. We on conds;
PROPERTY MAINE: 2001-00-16
PROPERTY MAINE: 2001-00-16
PROPERTY MAINE: 2001-00-17
PROPERTY MAINE: 2001-00-17
PROPERTY MAINE: 2001-00-18
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GENERAL INFORMATION:
APPLICANT: Bristol-Myers Squibb Company
TITLE OF INVENTIONS NOVEL HUMAN G-FROTEIN GOUPLED RECEPTOR, HGFREMY6
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                Sequence 29, Application US/10323412 GENERAL INFORMATION.
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Best Local Similarity 100.0%; Pred. No. 0.00045;
Matches 24, Conservative 0, Mismatches 0.
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                                      SEQ ID No 25
                                                                                                   FILE REPERENCE: D0044 CTP
CURRENT APPLICATION NUMBER: US/C CTC 272A
CURRENT FILING LATE: 2002-09-27
PRIOR APPLICATION NUMBER: U.S. 09/956.422
PRIOR FILING DATE: 2001-09-26
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PRIOR ETILING DATE: 2508 59-27
PRIOR APPLICATION NUMBER: U.S. 60/261,776
PRIOR ETILING DATE: 2001-01-16
PRIOR ETILING DATE: 2001-07-13
PRIOR FILING DATE: 2001-07-13
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TITLE OF INVENTION: NEVEL HUMAN G PROTEIN COUPLED RECEPTOR, HGPRHMY4, AND METHODS OF
TITLE OF INVENTION: THEREOF
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PRIOR APPLICATION NUMBER: U.S. 60/328,479
PRIOR FILLING DATE: 2001-10-11
NUMBER OF SEC 10 MOST 96
                                                                                  NUMBER OF SECTIONS: 51
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                                                                 SOFIWARE: Patentin version 3.2
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. ORGANISM. Homo sapiens
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US 10-262-272A-26
RESULT 7
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                                                                                                                                                         Guery Match
Best Local Similarity
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Best Local Similarity 100
Matches 24; Conservative
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Best Local Similarity 100.0%; Pred. No. 0.00045;
Matches 21, Closer ation 5, Mismatches 0;
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CURRENT FILING DAID: 2003 01-17
FRIOR APPLICATION NUMBER - US 62/350,061
FRIOR FILING DAIL: 2002-01 18
COMMERC OF SEQ ID NOS: 795
                                                                                                                                                                                                                                                                                                                                                                  TILL REFERENCE: 162286 PSP
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APPLICANT: Kornacker, Michael
LITEL OF INVERTICAL MEDULATERS OF HUMAN G PROTEIN CONFICED RECEIPTORS
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    TITLE OF INVENTION. IDENTIFICATION OF FOLYMOLECTIDES AND FOLYPETTIDE FOR PREDICTITITE OF INVENTION. ACTIVITY OF TOMBESHED HAT INTEGEN MITH FROITH TYPISHED KIN LILE OF INVENTION. AND SEFECIAL TYPISHED KINDSE FALHWAYS.
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                                                                                                                                                                                                                                                                FEATURE:
                                                                                                                                                                                                                                                                                    ORGANISM: Artificial
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       TYPE: DNA
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100.0%, Fred. No. 0.00045;
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100.0%; Pred. No. 0.00045;
Fig. 8 Mismatches 9;
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; Sequence 39, Application HS/H9748496A; GENERAL INFORMATION.
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                                                                                     ; Sequence 5, Application US/10275172; GENERAL INFORMATION:
                                                                                                                                         08-10-275-172-5
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THITE OF INVENTION. SLOCK TOA EXCLUSE for Provention of Disease
FILE REFERENCE: RU-0172
COMPENT APPLICATION NUMBER: PCI/US01/43931A
COMPENT FILING DATE: 2002-06-14
FRISH APPLICATION WUMBER: FC/248,942
PRIOR FILING DATE: 2000-11-15
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            SEQ ID NO 39
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  APPLICANI: Ghai, Geetha
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              NUMBER OF SEQ ID NOS: 22
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                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          APPLICANT: Godzik, Adam
TITLE OF INVENTION: BCL-G Polypoptides, Encoding Nucleic Acids and Methods
TITLE OF INVENTION: of Use
FILE REFERENCE: P-LT 4450
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           APPLICANT: Reed, John C. APPLICANT: Godzik, Adam
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   SOFTWARE: PatentIn Ver. 2.0
                      APPLICANT: Merck Patent GmbH
TITLE OF INVENTION: New threonine-serine kinase (HTSSKI)
FILE REFERENCE: htsskibsws
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          FEATURE:
CURRENT APELICATION NUMBER, US/10/275,172
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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05-738-346A-35
                                                                                                                                                                                                                                                                                                                                                                                                                                                                         OTHER INFORMATION: Description of Artificial Sequence: synthetic
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    ORGANISM: Artificial Sequence
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Local Similarity 100.0%; Prod. No. 0.0063;
hos 22; Conservative of Mismatches 0; Indels
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alize 0: Mismatchos 0: Indeis
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, OTHER INFORMATION: Description of Artificial Sequence. Primer 3 0.8{\pm}10{\pm}275{\pm}172{\pm}5
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                                 ; ORGANISM: Human
US-60-434-165-26
                                                                                          ; SEQ ID NO 26
; LENGTH: 26
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NUMBER OF SEQ ID NOS: 6
                                                                                                                                                                                                                                                                                                                                                                                                       GENERAL INFORMATION:
APPLICANT: Matzuk, Martin M.
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Best Local Similarity
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CORRENT AFFILINATION HUMBER: US./10/275,556
CUNRENT FILLAS DAIL: 2002-11-07
NUMBER OF SEC ID NOS: 6
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                                                                                                                                                      CURRENT ANTLITATION PUMPER: US-67-434,165
CURRENT FILING DATE: 2002-12-17
PRIOR APPLICATION MUMBER: US-09/844,864
PRIOR APPLICATION NUMBER: US-60/411,262
PRIOR APPLICATION NUMBER: US-60/411,262
PRIOR FILING DATE: 2002-09-17
NUMBER OF SEQ ID NOS: 36
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            TITLE OF INVENTION: Serine-threoning kinase 3 (htssk-3)
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APPLICANT: Bai, Yuchen
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                                                                                                                                      SOFTWARE: Patentin version 3.1
                                                                                                                                                                                                                                                                                                                          TITLE OF INVENTION: Contraceptive Targets
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                                                                           TYPE: DNA
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    Mismatches

Score 22:
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APPLICANT: Hai, Yuchen
FILTE SE INVENTION CONTRACOPTIVE TARACTS
FILE REFERENCE: FOLV250156
CURRENT FILTRO BATE. 2003 61-23
CURRENT FILTRO BATE. 2003 61-23
PRIOR APPLICATION NUMBER: US 09/944.804
PRIOR FILING DATE: 2003-04-27
FRIOR APPLICATION NUMBER: US 69/444,165
PRIOR FILING DATE: 2003-12-17
PRIOR FILING DATE: 2003-12-17
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2 Sequence 26, Application US/60442164
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                                                                                                                                                                             SECTIONS 25
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APPLICANT: Matzuk, Martin M.
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                    Guery Match (52.4%; Score 22; DB II; Best Local Similarity (100.0%; Pred. No. 0.0063;
                                                                                                                                                                                                                                         PRIOR APPLICATION NUMBER: US 60/411,262
PRIOR FILING DATE: 2002-09-17
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CURRENT OFFICE NUMBER: 92/40/449 791
CURRENT FILING DATE: 2004 01-14
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                                                                                                                                                                                               SoftWARE: PatentIn version 3.1
                                                                                                                                                                                                                     NUMBER OF SECTIONS: 41
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 NUMBER OF SEQ ID NOS: 89
SOFTWARE: PatentIn version 3.1
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PRIOR APPLICATION NUMBER: UP 63/411,962
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PRIOR FILING DATE: 2001-04-27
PRIOR APPLICATION NUMBER, US 09,7444, 365
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                                                                                                              ORGANISM: Human
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    22; Conservative
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: GENERAL INFORMATION:
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: GENERAL INFORMATION:
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                                                                                                                                                                                                                                                              SEQ ID NO 3
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                                                          Best Local Similarity
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APPLICANT: Mistra, Nilamadhab
TITLE OF INVENTION: METHOD OF TREATING AUTOIMMUNE DISEASES
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                CURRENT ACELIFATION ECHBER, US/FF/778,014
CURRENT FILLING DATE: 2004-01-21
16.18 ACHLIVATION WIMMEDE UF 67/195, 27
18.08 FILLING DATE: 2000-01-24
18.14 AISSITATION SUMMER: US 67/246,735
PRIOR FILLING DATE: 2000-10-16
                                                                                                                                                                                                                                                                                                    CURRENT FILINI DAIN: _2002-05 20
FRICK AFFLECATION WORNDER: 05 59/718,195
FRICK FILING DAIR: _2000-11-20
ROMERK OF SEQ ID NOS: 8
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NUMBER OF SEQ ID NOS: 57
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PRICE FILING THE 2000 ID 12
FETCH APPLICATION BUMBER: US 60/246,718
PRICE FILING DATE: 2000-ID-06
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               APPLICANT: Subbanthican, Manikkam
APPLICANT: Vasconcellos, Lauro
LITLE OF LAUPHLISHS MUTHOUSE EVALUATING TRANSPLANT REJECTION
FILE REFERENCE: 01948-061001
                                                                                                                                                                                                                                                                                  SOFIWARE: Patentin version 4.1
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   APPLICANI: Wake Forest University
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                                                                                                                                                                          FEATURE:
                                                                                                                                                                                            ORGANISM: Artiticial Sequence
                                                                                                                                                                                                                  TYPE: DNA
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       FEATURE:
                                                                                                                                                   OTHER INFORMATION: Synthetic oligonucleotide
                                                                                                                                                                                                                                         LENGTH:
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       ORGANISM: Artificial Sequence
                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  LYPE: DNA
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                                                             47.6%: Soure 20; DB 9; Longth 20; 100.0%; Pred. No. 0.09;
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